

JDC-F110C1 FTTH(E-PON) ONT

User's Manual



Class-B

(Broadcasting Communication Apparatus and Materials for Business) This is an electromagnetic wave shielding apparatus for family use as Class B and it is intended to be used usually in families and might also be used everywhere.

1. Product Specifications

JDC-F110C1 Product Specifications

Item	JDC-F110C1	Remarks
E-PON Chip	CS8016	
Flash Memory	16Megabit flash memory	
SRAM Memory	8Mb PSEUDO COMOS STATIC TRAM	
EPON Port	1each of PON Port, 1000Base-PX10 (SC/PC Connector)	
LAN Port	1each of service port, 1000Base-TX10 (RJ-45 Connector)	
Consuming Power	1.7W	
Operating Temp.	2-50°C	
Operating Humidity	20-80% (Un-setting)	
Size (W*D*H)	180x135x40	ONT SIZE

1.1 Contents of Product



ONT Terminal (JDC-F110C1)



User's Manual

*Case fixing screw: 1each

*As the power adaptor is the item separately supplied by KT, it is not included in the contents of product.

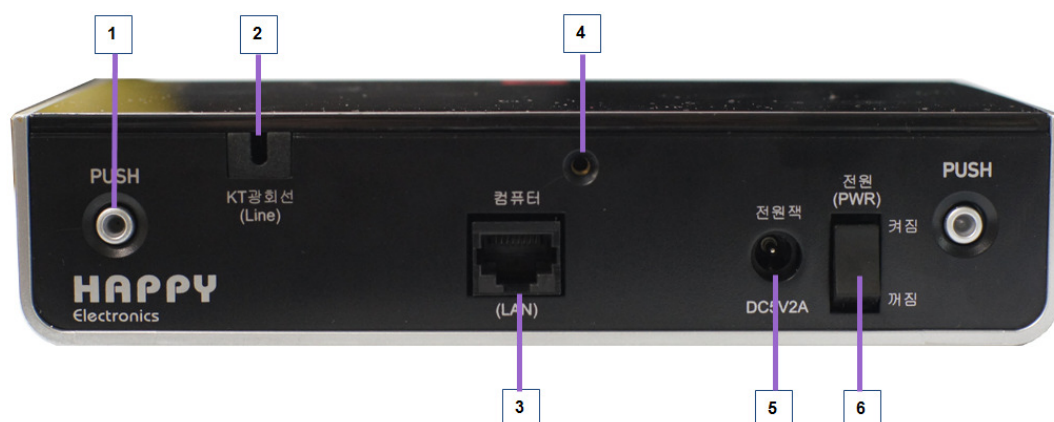
1.2 Composition of product

1) Explanation of front function



Title	Color	Operation	Function
Power (PWR)	Green	On	Power is being supplied.
		Off	Power is not being supplied.
Optical Line (Line)	Green	On	Normally registered on the linked OLT.
	Orange	On	Normally registered on the linked OLT, but it is under the abnormal state that the optical signal is weaker than the regulations.
	Red	On	There is no optical signal or the optical interface is not being linked.
Internet (Data)	Green	Flicker	Packet is being transmitted/received between OLT.
		Off	Packet is not being transmitted/received between OLT.
Computer (LAN)	Green	On	Ethernet port has been normally linked to the computer.
		Flicker	Ethernet port is being communicated in 10/100Mbps.
		Off	Ethernet port has been normally linked to the computer.

2) Explanation of Back Function



Title	Function
PUSH button	Used to open the case to link PON cable.
KT optical line (LINE)	Used to link the optical cable coming from the telephone company to this device.
Computer (LAN)	Port linked to the subscriber's device. Please link the user's PC.
Case fixing screw	To prevent the case cover to be opened.
Power Jack DC5V2A	To link the AC/DC power adapter.
Power (PWR)	To supply the power (On) or to set the interruption (Off) status.



Instruction for use of power adaptor

As for the power adaptor, surely use the standard adaptor separately provided by KT.

2. Instruction for treatment of product



Prohibition from disassembly of product

In case of disassembly of this product, the electric shock, trouble, malfunctioning, static and etc. may occur. It is not allowed to disassemble, repair or remodel in your option.



Observance of operation conditions

As this product is normally operated under the conditions described in the user's manual, surely keep the conditions such as operation temperature, voltage and etc.



Notice for installation place

It is not allowed to install or operate the product in the place where the temperature is too high, where the ventilation is poor, sealed or wet, where the dust is much and where the mechanical vibration is severe.



Notice for thunderstorm

The thunder may become the factor to occur the serious trouble such as product trouble and etc. Surely be attentive so that there may be no risk factor to be damaged from the lightning and please install the surge preventive system.



Caution for electric shock

As there is the risk for electric shock if the electric cord is linked, do not touch the electric device. When you install or move the product, please turn off the power switch and pull out all the cables linked to the product.



Caution for impact

Please be careful as any malfunction may occur if any impact is given as the product falls. Do not lift the heavy thing on the product.



Caution for optical laser

When you link by using KT optical circuit port of JDC-F110c1, OLT and cable, surely execute the work under the condition that the power turns off. Also, do not apply your eye directly to the end of the optical cable or the one transmitting/receiving the laser.



Caution for Impossibility of water-proof

As it is impossible for this product to become the water-proof, the physical/personal damage will occur from the electric shock or trouble as the water is penetrated.



Caution for treatment of optical cable

Do not uncover the rubber cover of the optical cable before the cable is linked. The cover lets the optical cable not be exposed to the polluted material. Also, please keep the rubber cover for the future use after uncovering it.

3. Installation of product

- 1) To open the case of JDC-F110C1 by pushing the rear PUSH button simultaneously.
- 2) KT optical line port, as SC-PC connector type cable, links PON port of OLT.
- 3) To arrange the optical cable line by winding it with the internal cable fixing holder.
- 4) To close the case and to fix it by fastening the fixing screw to the end.
- 5) The computer (LAN) port is linked to the user's PC by using RJ-45 cable.
- 6) The power adaptor is linked by using the KT exclusive standard adaptor separately supplied.

Product Guarantee

Product name		FTTH (E-PON) ONT
Model name		JDC-F110C1
Certification number		
Product number		
Purchase day		Date:
Customer	Name	
	Address	
	Tel number	
	E-mail	

Standards for compensation of consumer's damage

The compensation for the consumer's damage will comply with the regulations for compensation of consumer's damage announced by Ministry of Finance and Economy.

Contents of guarantee

1. This product is the one produced through the strict quality control and inspection course.
2. You can receive A/S for 2 years after purchase if any abnormality occurs.
(However, in case it is applicable to the charged service conditions even with the guarantee period, the repair will be made by receiving the service charge.)
3. In case it is applicable to the followings, the technical charge and will be requested in actual expense.
 - In case the trouble occurs from the careless treatment of the customer
 - Natural disaster (Fire, salt damage, flood, thunder stroke, earthquake, standards fixed as other natural disaster)
 - Trouble from use of the abnormal voltage
 - Trouble from the defect of the linkage device
 - In case any trouble occurs as any other person, but not A/S personnel of this company, repairs the product,

Happy Electronics Co., Ltd.,

463-760, #A-805, Bundang Technopark, 150, Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea,

Tel: 070-8888-8764 Fax: 031-781-1116

* If you have any enquiry during use, please enquire to No. 100 without area code.

HAPPY
Electronics co.,Ltd.

Happy Electronics Co., Ltd.,
#A-805, Bundang Technopark, 150, Yatap-dong,
Bundang-gu, Seongnam-si, Gyeonggi-do, Korea,
Tel: 070-8888-8764 Fax: 031-781-1116
Homepage: <http://www.happyelec.com>